

ADVANCED EXPANDABLE REAMING TOOL

Abstract

An expandable reaming tool including at least two reamer pads connected to a tool body. The reamer pads are adapted to be displaced between a retracted position and an expanded position. At least one spiral blade is formed on at least one reamer pad. A plurality of cutting elements are disposed on the at least one spiral blade.

An expandable reaming tool including at least two reamer pads connected to a tool body. The reamer pads are adapted to be displaced between a retracted position and an expanded position. At least one blade is formed on the at least two reamer pads. A plurality of cutting elements are disposed on the at least one blade and at least one gage protection element is disposed on a gage surface of the at least one blade. The plurality of cutting elements are arranged so as to enable the expandable reaming tool to backream a formation in a wellbore.

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